



The **Simtec 220PM** (permanent magnet) controllers offers a cost effective solution to low voltage low current applications such as mobility scooters, sweepers and scrubbers, when fitted with permanent magnet drive motors.

The **Simtec 220PM** controllers incorporate the latest transistor technology with all the inbuilt safety systems that you would expect from a quality product.

The **Simtec 220PM** controller similar design characteristics to other controllers with an identical footprint and a very low profile, ideal where space is at a premium.

#### **Outline specifications:**

Voltage: 12-48V  
Armature Rating: 220A (1 min)  
Field Rating 20A  
Frequency: 15 KHz  
Operating Temp: -30°C +80°C  
Dimensions: 200(L) x 170(W) x 55(H)

#### **User Benefits:**

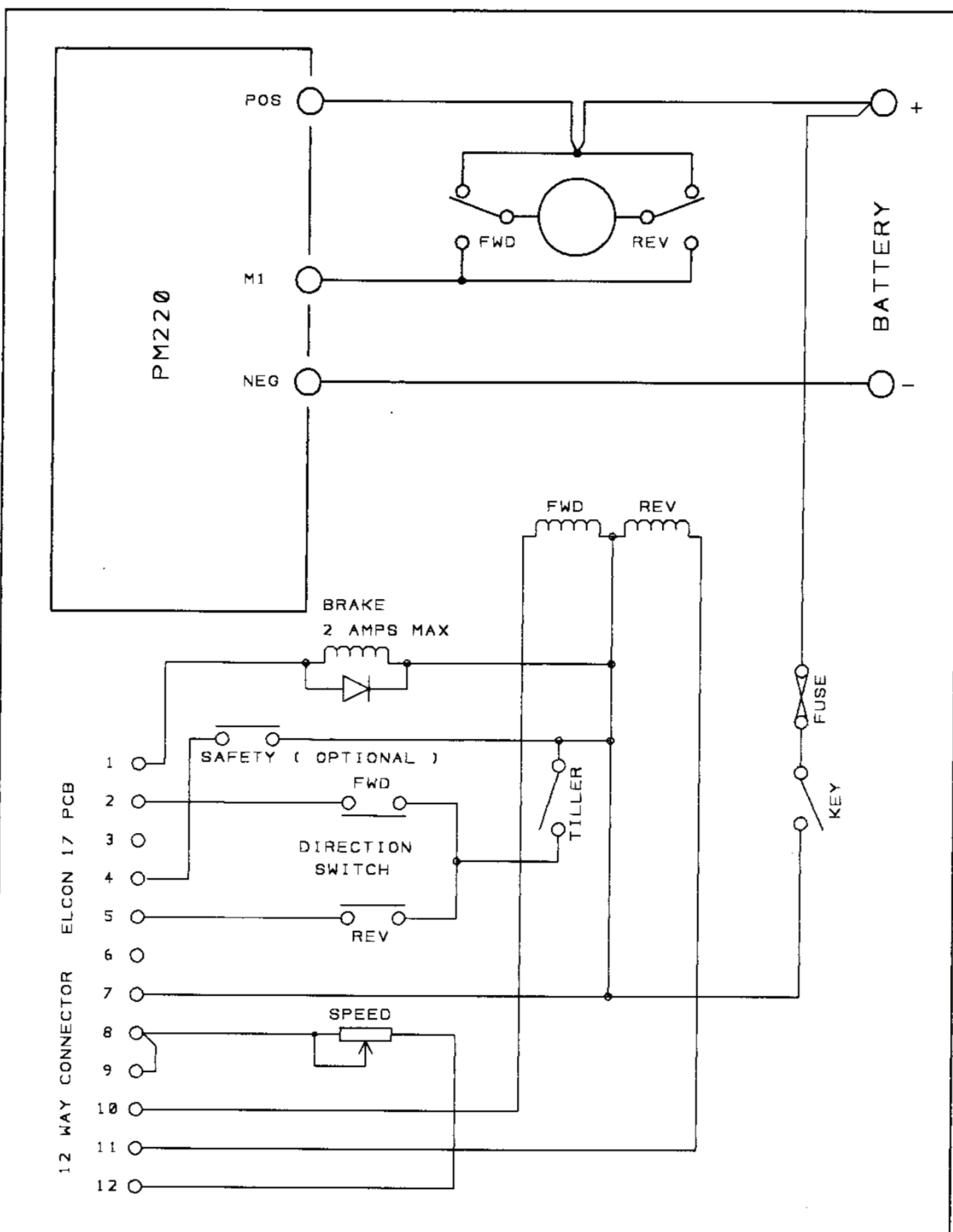
Quiet in operation  
Increased shift life  
Enhanced motor life  
Simple installation  
Minimum set-up time  
Reduced maintenance  
Suitable for cold storage

#### **Features:**

Triple failsafe  
Built in diagnostics  
Multi-voltage  
Ramp start  
Over-temperature cutback  
Built in contactor suppression

#### **Options:**

Anti-crush facility  
Automatic electric braking



NOTE: LINKS A & B ON ELCON 18 PCB  
MUST BE REMOVED

**Simtec 220PM**

PERMANENT MAGNET MOTOR CONTROLLER

PM2

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